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*NIST Special Publication 803*

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# *Abstract and Index Collection in the Research Information Center of the National Institute of Standards and Technology*

*Diane Cunningham*

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## *NIST Special Publication 803*

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# *Abstract and Index Collection in the Research Information Center of the National Institute of Standards and Technology*

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Diane Cunningham

Information Resources and Services Division  
National Institute of Standards and Technology  
Gaithersburg, MD 20899

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## PREFACE

This publication lists the major abstracts and indexes available in the collection of the Research Information Center (RIC) of the National Institute of Standards and Technology (NIST). It supersedes and revises NBS Special Publication 751, which is dated August 1988. Entries in the main index, which are arranged alphabetically, include the current title of the abstract or index, RIC's holdings, major sources used to compile information, publisher or publishing association, corresponding RIC online database, RIC call number, and collection/area designation.

Unless otherwise designated, abstracts and indexes are located in the "Abstracts" section on the first floor of the RIC. Other areas and locations which include selected abstracts and indexes are designated by the following:

BIOG = located in the Biography section  
IGA = located in the Intergovernmental Affairs Collection  
M = located in the Microform Collection  
NIST = located in the NIST Reports Collection  
NCC = located in the Noncurrent Collection  
REF = located in Extended Reference area, check at reference desk for location

In addition to being listed by current title, abstracts and indexes are grouped in a general subject index. They are also listed by their former titles and by their database names.

I wish to thank Karen Jones for her able assistance and diligence in preparing this publication.

Diane Cunningham  
Research Information Services





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# ABSTRACT AND INDEX COLLECTION IN THE RESEARCH INFORMATION CENTER OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
ACM GUIDE TO COMPUTING LITERATURE	Index to the literature of computing and related disciplines	Association for Computing Machinery (ACM)	QA 76 .C62
1974-	Journals, Books, Proceedings, Reports, Theses	MATHSCI	
ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY	Current literature on the principles and technologies of pulp, paper and board manufacturing	Institute of Paper Science and Technology	Z 7914 .P2A6
v. 1, 1930/31-	Journals, Patents	PAPERCHEM	
ABSTRACT JOURNAL IN EARTHQUAKE ENGINEERING	Comprehensive literature in earthquake hazard mitigation	Earthquake Engineering Research Center	TA 658.44 .A25
v. 1, 1971-	Journals	-	
AMERICAN CONCRETE INSTITUTE 55-YEAR INDEX	Index to the proceedings and journal of the American Concrete Institute	American Concrete Institute	TA 681 .A5
1905-1959	Proceedings, Journals	-	
AMERICAN STATISTICS INDEX: INDEXES/ABSTRACTS	Index and abstracts to statistical publications of the U.S. government	Congressional Information Service (CIS)	HA 195 .A52
1974-1984	Journals, Reports	ASI	
ANALYTICAL ABSTRACTS	International literature dealing with all branches of analytical chemistry	The Royal Society of Chemistry (U.K.)	QD 71 .A49
v. 1, 1954-	Journals	ANALYTICAL ABSTRACTS	
APPLIED MECHANICS REVIEWS	International literature in engineering sciences	American Society of Mechanical Engineers (ASME)	TA 1 .A63953
v. 1, 1948-v. 40, 1987	Journals, Books	-	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
APPLIED SCIENCE AND TECHNOLOGY INDEX	Cumulative subject index to English language journals in the fields of aeronautics and space science, computer technology, chemistry, construction, energy resources, electricity and electronics, engineering, industrial and mechanical arts, etc.	H. W. Wilson Co.	Z 7913 .I7
v. 1, 1913-	Journals	-	
ASTRONOMY AND ASTROPHYSICS ABSTRACTS	Worldwide astronomical publications	Astronomisches Rechen-Institut/ (Germany)/Springer Verlag	QB 1 .A862
v. 1, 1969-	Journals	-	
ATOMIC ABSORPTION AND EMISSION SPECTROMETRY ABSTRACTS	Worldwide documentation of all aspects of atomic absorption and emission spectrometry	PRM Science and Technology Agency Ltd. (U.K.)	QD 95 .A7
v. 1, 1969-v. 17, 1985	Journals, Proceedings, Unpublished Reports	-	
AUSTRALIAN SCIENCE INDEX	Scientific and technical literature published in Australian journals	Commonwealth Scientific and Industrial Research Organization (CSIRO) (Australia)	M
v. 22, 1978-v. 27, 1983	Journals	-	
BNF NON-FERROUS METALS ABSTRACTS (British Non-Ferrous Metals Resource Assoc.)	Published information on non-ferrous metallurgy and technology	The BNF Metals Technology Centre (U.K.)	TA 459 .B71
1970-1983	Journals, Patents, Books	NON-FERROUS METALS ABSTRACTS	
BIOGRAPHY INDEX	Cumulative index to biographical material	H. W. Wilson Co.	Z 5301 .B5 BIOG
v. 1, 1949-v. 41, 1987	Books, Periodicals	-	
BIOTECHNOLOGY RESEARCH ABSTRACTS	Literature concerning all aspects of biotechnology	Cambridge Scientific Abstracts	TP 248.2 .B582
v. 3, 1986-	Journals	BIOTECHNOLOGY RESEARCH ABSTRACTS	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
BRITISH CERAMIC ABSTRACTS	International literature of ceramics	British Ceramic Research Ltd.	TP 785 .B58
1978-1988	Patents, Journals	-	
BUILDING SCIENCE ABSTRACTS	Literature of materials, design and building research	Her Majesty's Stationery Office	TH 1 .G7
v. 1, 1925-v. 49, 1976	Journals, Reports	-	
BUSINESS PERIODICALS INDEX	Index to journals in the fields of accounting, advertising, banking and finance, business, insurance, labor and management, taxation, personnel administration, etc.	H. W. Wilson Co.	HF 5001 .B8
v. 1, 1958-	Journals	-	
CA REVIEWS INDEX (CARI)	A key word in context (KWIC) index to all reviews that appear in CHEMICAL ABSTRACTS	Royal Society of Chemistry	QD 1 .A5124 (Shelved with CHEMICAL ABSTRACTS)
v. 86, 1977-v. 97, 1982	Journals	-	
CIS INDEX/ANNUAL	Index to congressional publications	Congressional Information Service (CIS)	KF 49 .C621 IGA
1970-	Hearings, Public Laws, Reports, Bills	CIS	
CSIRO ABSTRACTS (Commonwealth Scientific and Industrial Research Organization)	Abstracts of CSIRO published papers and translations	CSIRO Central Information (Australia)	Q 4 .A9
v. 1, 1952-v. 22, 1974	Journals, Reports, Proceedings	-	
CSIRO INDEX	Index of CSIRO published papers and translations	CSIRO Central Information (Australia)	Q 179.9 .A9 (M-Later years only)
1975-1986	Journals, Translations, Reports	-	
CERAMIC ABSTRACTS	International literature of ceramics	American Ceramic Society	TP 785 .A64
v. 1, 1922-	Journals, Patents, Books	AMERICAN CERAMIC ABSTRACTS	



ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
CHEMICAL ABSTRACTS	Comprehensive worldwide literature of chemistry, including biochemistry and chemical engineering	American Chemical Society	QD 1 .A51 (Located after unbound journals in back of RIC)
v. 1, 1907-	Journals, Patents, Books, Reviews	CHEMICAL ABSTRACTS	
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series I: Mathematics, Astronomy, Physics	English abstracts of scientific and technical periodicals in China	International Information Service, Ltd. (Hong Kong)	Q 1 .C45
v. 2, 1981-v. 8, 1987	Periodicals	-	
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series II: Chemistry, Earth Science, Energy Sources	English abstracts to scientific and technical periodicals in China	International Information Service, Ltd. (Hong Kong)	Q 1 .C455
v. 6, 1985-v. 8, 1987	Periodicals, Proceedings	-	
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series III: Industrial Technology	Comprehensive index to articles in Chinese scientific and technical publications	International Information Service, Ltd. (Hong Kong)	Q 1 .C46
v. 2, 1981; v. 5, 1984-v. 8, 1987	Periodicals	-	
CHINESE SCIENCE ABSTRACTS Part A: Mathematics, Mechanics, Astronomy and Space, Physics, Technical Sciences	Abstracts of important scientific articles from the Chinese literature	Science Press (Beijing)	Q 1 .C42
1982-1989	Periodicals, Proceedings	-	
CHINESE SCIENCE ABSTRACTS Part B: Chemistry, Life Sciences, Earth Sciences	Abstracts of important scientific articles from the Chinese literature	Science Press (Beijing)	Q 1 .C44
1982-1989	Periodicals, Proceedings	-	
CIVIL ENGINEERING HYDRAULICS ABSTRACTS	Worldwide literature of applied fluid mechanics	BHRA (The British Hydro-mechanics Research Association)	TC 1 .C15
v. 3, 1970-v. 20, 1987	Journals, Reports, Proceedings	FLUIDEX	
COMPUTER ABSTRACTS	International literature on computer applications	Technical Information Co. Ltd. (U.K.)	QA 76 .C549
v. 4, 1960-	Journals, Reports, Patents, Books	-	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
COMPUTER AND CONTROL ABSTRACTS (Science Abstracts Series C)	Worldwide coverage of the literature of all aspects of computers and control	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc.	TJ 212 .C61
v. 1, 1966-	Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC	
COMPUTER LITERATURE INDEX	Literature in computer science, not including the more esoteric and academic literature	Applied Computer Research, Inc.	QA 76 .C565
v. 14, 1984-	Journals	-	
COMPUTING REVIEWS	Critical reviews of the current publications in any area of the computing sciences	Association for Computing Machinery (ACM)	QA 76 .C6
v. 1, 1960-v. 22, 1981; v. 25, 1984-	Books, Journals, Proceedings	-	
CONCRETE ABSTRACTS	International literature of developments in concrete and concrete technology	American Concrete Institute	TA 439 .C56
v. 3, 1974-	Journals, Reports, Books	-	
CONSUMERS INDEX TO PRODUCT EVALUATIONS AND INFORMATION SOURCES	Index to product evaluations and general consumer information	Pierian Press	TS 156.25 .C65
v. 4, 1976-v. 17, 1989	Journals	-	
CORROSION ABSTRACTS	Worldwide corrosion control literature	National Association of Corrosion Engineers (NACE)	TA 462 .C652
v. 1, 1962-	Journals, Proceedings, Reports	-	
CORROSION CONTROL ABSTRACTS	Translation of Russian journal on corrosion and protection against corrosion	Scientific Information Consultants Ltd. (U.K.)	TA 462 .C654
1969-	Journals, Patents	-	
CUMULATIVE INDEX TO ASCE PUBLICATIONS	Index to the publications of the American Society of Civil Engineers	American Society of Civil Engineers	TA 1 .A58A5
1961-1974	Journals, Proceedings	-	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
CURRENT INDEX OF COMPUTER LITERATURE  v. 1, 1985	Listing of the table of contents of computer journals  Journals	Information Research Institute, Inc.  —	QA 76 .C78
CURRENT INDEX TO STATISTICS; APPLICATIONS, METHODS AND THEORY  v. 1, 1975—	Comprehensive coverage of statistics, its applications, methods, and theory  Journals	American Statistical Association and Institute of Mathematical Statistics  MATHSCI	HA 1 .C9
CURRENT PHYSICS INDEX  v. 1, 1975—	International literature concerning all aspects of physics research and index to CURRENT PHYSICS MICROFORM  Journals	American Institute of Physics (AIP)  SPIN	QC 1 .C786
CURRENT TECHNOLOGY INDEX  v. 3, 1964—	Subject guide to the literature in British technical journals  Journals	Bowker-Saur Ltd.  CURRENT TECHNOLOGY INDEX	T 1 .C8
DIRECTORY OF PUBLISHED PROCEEDINGS  v. 1, 1964—	Bibliography citing published proceedings  Proceedings	InterDok Corp.  —	Z 7409 .D56 REF
DISSERTATION ABSTRACTS INTERNATIONAL  1862—	Abstracts of international doctoral dissertations from participating universities; masters dissertations for later years  Dissertations	University Microfilms International  DISSERTATION ABSTRACTS ONLINE	Z 5053 .D5 (M—Scattered years)
EI ENGINEERING CONFERENCE INDEX  1983—1984	International engineering conference literature  Proceedings	Engineering Information, Inc.  COMPENDEX	Z 5851 .E6
ELECTRICAL AND ELECTRONICS ABSTRACTS (Science Abstract Series B)  v. 1, 1898—	International literature covering all aspects of electrical and electronics engineering  Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc.  INSPEC	Q 1 .S331



ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
ELECTROANALYTICAL ABSTRACTS	International journal dealing with the documentation of all aspects of fundamental, physico- chemical and analytical electro- chemistry	Birkhäuser Verlag (Switzerland)	QD 551 .J62
v. 1, 1963–v. 23, 1985	Journals, Reviews, Books	–	
ELECTRONIC INSTRU- MENTATION	Worldwide publications in measurement science and instrumentation	The Institution of Electrical Engineers/Institute of Electrical and Electronics Engineers, Inc.	TK 7870 .E38
no. 1, 1976–1989	Journals	–	
ELECTRONICS AND COM- MUNICATIONS ABSTRACTS	Worldwide publications in electronics and communications	Multi-Science Pub. Co. Ltd. (U.K.)	TK 5101 .A1E48
v. 1, 1961–	Journals, Proceedings, Unpublished Reports	–	
ENERGY RESEARCH ABSTRACTS	Dept. of Energy and U.S. government-sponsored research on all aspects of energy	U.S. Dept. of Energy, Office of Scientific and Technical Infor- mation	TJ 163.2 .U54
1975–1987	Journals, Reports	DOE ENERGY	
ENGINEERING DATA BANK ABSTRACTS OF REPORTS	Engineering evaluation and qualification test reports, non- standard parts justification data, parts/materials specifications, manufacturing processes, etc.	Government Industry Data Exchange Program (GIDEP)	TS 170 .E522
1977–	Reports, Technical Data	GIDEP	
ENGINEERING INDEX	Transdisciplinary index to the world's engineering literature	Engineering Information, Inc.	Z 5851 .E62
v. 1, 1884–	Journals, Conference Papers	COMPENDEX	
ERGONOMICS ABSTRACTS	International literature on human factors in man-machine systems and physical environ- mental influences	Taylor and Francis	TA 166 .E7132
v. 6, 1974–v. 19, 1987	Journals, Proceedings, Reports, Book Reviews	–	



ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
FAILURE EXPERIENCE DATA BANK SUMMARY	Data on failure information generated whenever significant problems are identified on parts, materials or safety	Government Industry Data Exchange Program (GIDEP)	TS 173 .F3
1978-	Reports, Technical Data	GIDEP	
FIVE-YEAR INDEX TO ASTM TECHNICAL PAPERS AND REPORTS	Index to the publications of the American Society For Testing and Materials	American Society For Testing and Materials (ASTM)	TA 401 .A525
1898-1970; 1976-1980	Journals, Special Technical Publications	-	
FOREIGN TECHNOLOGY	Listing of current technical foreign reports available from the National Technical Information Service	National Technical Information Service (NTIS)	T 1 .F5
1984-	Reports	NTIS	
GAS ABSTRACTS	Selected literature on natural and manufactured gas and petroleum production	Institute of Gas Technology	TP 700 .G13
v. 1, 1945- v. 38, 1982	Journals, Patents, Proceedings	-	
GAS CHROMATOGRAPHY LITERATURE, ABSTRACTS AND INDEXES	International literature on gas chromatography	Preston Publications	QD 1 .A1G3
v. 2, 1969-	Journals, Conference Papers	-	
GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX	Listing of government and government-sponsored research and development reports	National Technical Information Service (NTIS)	Z 7916 .B47
v. 1, 1946-	Reports, Journals, Proceedings	NTIS	
INDEX OF MATHEMATICAL PAPERS	An author and subject index of all papers and books reviewed in MATHEMATICAL REVIEWS	American Mathematical Society	QA 1 .M762
v. 1, 1970-v. 9, 1979	Journals, Books	MATHSCI	
INDEX TO SCIENTIFIC AND TECHNICAL PROCEEDINGS	Multidisciplinary listing of published proceedings	Institute for Scientific Information (ISI)	Q 101 .I5
1978-	Proceedings	ISTP	REF

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
INDEX TO SCIENTIFIC BOOK CONTENTS 1986-1987	Index to the chapters in scientific books Books	Institute for Scientific Information (ISI) -	Z 7401 .I45
INDEX TO SCIENTIFIC REVIEWS v. 1, 1975-1987	International interdisciplinary index to the review literature of science, medicine, agricultural sciences, technology and the behavioral sciences Journals	Institute for Scientific Information (ISI) -	Z 7401 .I5
INDEX TO STATISTICS AND PROBABILITY 1973-1975	International literature of statistics and probability Journals	R & D Press MATHSCI	Z 6654 .M33T84
INFORMATION SCIENCE ABSTRACTS v. 1, 1966-	International literature in the fields of information science, documentation and related areas Books, Journals, Conference Proceedings, Reports, Patents	IFI/Plenum Data Corp. INFORMATION SCIENCE ABSTRACTS	Z 699 .A1I5
INIS ATOMINDEX (International Nuclear Information System) v. 6, 1975-	International literature of nuclear science relating to its peaceful applications Reports, Journals, Theses, Proceedings	International Atomic Energy Agency (Austria) -	QC 770 .I2
INTERNATIONAL ABSTRACTS IN OPERATIONS RESEARCH v. 1, 1961-	Worldwide literature in operations research Journals	Elsevier Science Pub. B.V. -	T 58 .A215
INTERNATIONAL AEROSPACE ABSTRACTS v. 1, 1961-v. 26, 1986	Comprehensive international literature of aerospace science and technology Journals, Books, Proceedings, Translations	American Institute of Aeronautics and Astronautics, Inc. AEROSPACE DATABASE	TL 501 .I53
INTERNATIONAL PETROLEUM ABSTRACTS v. 1, 1973-	Worldwide coverage of petroleum and allied literature concerning oil field exploration and development, petroleum refining and products, and economics Journals	John Wiley and Sons Ltd. -	TN 860 .I53

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
JAPAN BIOSCIENCES	Summaries of current Japanese research information on biochemistry, drugs, molecular and cell biology, bioengineering, food processing, etc.	University Microfilms, Inc.	QH 301 .J36
v. 1, 1988	Journals	—	
JAPAN CHEMISTRY	Summaries of current Japanese research information on crystals, kinetics, polymers, chemical engineering, etc.	University Microfilms, Inc.	QD 1 .J36
v. 1, 1988	Journals	—	
JAPAN COMPUTERS	Summaries of current Japanese research information on CAD/CAM, robots, artificial intelligence, software engineering, etc.	University Microfilms, Inc.	QA 76.5 .J36
v. 1, 1988	Journals	—	
JAPAN ELECTRONICS	Summaries of current Japanese research information on circuits, sensors, superconducting materials, acoustic devices, etc.	University Microfilms, Inc.	TK 1 .J36
v. 1, 1988	Journals	—	
JAPAN ENERGY	Summaries of current Japanese research information on geophysics, nuclear power plants, energy conservation, superconductivity, etc.	University Microfilms, Inc.	HD 9502 .J36
v. 1, 1988	Journals	—	
JAPAN MANUFACTURING	Summaries of current Japanese research information on inventory control, production management, machinery, heat transfer, etc.	University Microfilms, Inc.	TS 183 .J36
v. 1, 1988	Journals	—	
JAPAN MATERIALS	Summaries of current Japanese research on composites, metallurgy, powder technology, ceramics, textiles, etc.	University Microfilms, Inc.	TA 401 .J355
v. 1, 1988	Journals	—	



ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
JAPANESE TECHNICAL ABSTRACTS	Japanese literature in the areas of technology, applied sciences, engineering, and business man- agement	Japanese Technical Information Service, University Microfilms Inc.	T 1 .J32
v. 1, 1986-v. 2, 1987	Journals	-	
JOURNAL OF CURRENT LASER ABSTRACTS	International comprehensive coverage on laser theory, design, and application	Pennwell Pub. Co.	TK 7871.3 .J65
v. 1, 1964-	Journals, Proceedings, Reports, Patents, Dissertations, Books	-	
JOURNAL OF ECONOMIC LITERATURE	Literature on economic subjects in English language journals	American Economic Association	HB 1 .J6 (M-Earlier Years)
v. 1, 1963-	Book Reviews, Journals	JOURNAL OF ECONOMIC LITERATURE	
LIBRARY AND INFORMATION SCIENCE ABSTRACTS (LISA)	International literature of library and information science	Library Association Pub. (U.K.)	Z 671 .L617
1969-	Journals	LISA	
LIBRARY LITERATURE	Author and subject index to materials on library and information science	H. W. Wilson Co.	Z 666 .S211
1921-1986	Journals, Books, Pamphlets, Films, Theses	-	
MATHEMATICAL REVIEWS	International coverage and reviews of the literature of mathematics	American Mathematical Society	QA 1 .M76
v. 1, 1940-	Journals, Books, Proceedings	MATHSCI	
MEASUREMENTS IN PHYSICS	International literature in the fields of measurement and metrology	The Institution of Electrical Engineers/Institute of Electrical and Electronics Engineers, Inc.	QC 39 .P5
1976-1989	Journals	-	
METAL FINISHING ABSTRACTS	International literature of metal finishing including extensive patent information	Finishing Publications Ltd. (U.K.)	TS 550 .M32
v. 1, 1959-v. 27, 1985	Journals, Patents, Books, Reports	-	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
METALLURGICAL ABSTRACTS	International literature covering the whole field of metallurgy	The Metals and Metallurgy Trust (U.K.)	TN 1 .I58
v. 1, 1934-v. 32, 1965; v. 1, 1966-v. 2, 1967	Journals, Reports	-	
METALS ABSTRACTS	Worldwide comprehensive literature on metallurgy	The Institute of Metals (U.K.)/ ASM International	TN 1 .M5153
v. 1, 1968-	Journals, Books, Reports, Proceedings, Dissertations, Patents	METADEX	
METROLOGY DATA BANK INDEX	Index to government and industry data in metrology which is essential in research, design, development, production and operational phases of the life cycle of systems and equipment	Government Industry Data Exchange Program (GIDEP)	QC 100.5 .U5
1976-1984	Reports, Technical Data	GIDEP	
MICROCOMPUTER INDEX	A subject index to articles in microcomputer magazines	Learned Information, Inc.	QA 76.5 .M5218
v. 1, 1980-	Journals	MICROCOMPUTER INDEX	
MONTHLY CATALOG OF UNITED STATES GOVERNMENT PUBLICATIONS	Publication listings of U.S. Government agencies	U.S. Government Printing Office (GPO)	Z 1223 .A18 (M-Earlier years)
1895-	Reports, Books, Serials	MONTHLY CATALOG	
MÖSSBAUER SPECTROSCOPY ABSTRACTS	International literature concerning Mössbauer spectroscopy	PRM Science and Technology Agency Ltd. (U.K.)	QC 491 .M63
v. 2, 1979-v. 7, 1984	Journals, Proceedings, Reports	-	
NASA SCIENTIFIC AND TECHNICAL PUBLICATIONS	Catalog of NASA special publications, reference publications, conference publications, and technical papers	National Aeronautics and Space Administration, Scientific and Technical Information Division	TL 521.312 .N3
1977-1986	Reports, Proceedings	NASA/RECON	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
NUCLEAR SCIENCE ABSTRACTS  v. 1, 1948-v. 33, 1976	Worldwide comprehensive literature of nuclear science  Reports, Books, Proceedings, Patents, Journals	U.S. Department of Energy  NUCLEAR SCIENCE ABSTRACTS	QC 770 .U64
OR/MS OPERATIONS RESEARCH/MANAGEMENT SCIENCE  v. 9, 1969-v. 29, 1989	International literature of operation research and management science  Journals	Executive Sciences Institute, Inc.  -	HD 20 .06
PHOTOGRAPHIC ABSTRACTS  v. 1, 1921-1987	Abstracts of the world literature of the science, technology and applications of photography  Journals, Patents	The Royal Photographic Society of Great Britain/Pergamon Press  PHOTOGRAPHIC ABSTRACTS	TR 1 .P4
PHYSICS ABSTRACTS (Science Abstracts Series A)  v. 1, 1898-	International literature covering the entire field of physics  Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc.  INSPEC	Q 1 .S311
PHYSICS BRIEFS; PHYSIKALISCHE BERICHTE  v. 1, 1920-v. 5, 1983	Worldwide literature covering all fields of physics and related topics  Journals, Books, Patents, Reports, Theses, Proceedings	Physik Verlag GmbH (West Germany)  PHYSICS BRIEFS	QC 1 .P68
POLISH TECHNICAL AND ECONOMIC ABSTRACTS  1984-1987	Index to the scientific and technical literature of Poland  Journals, Books, Reports	Center for Scientific, Technical and Economic Information (Poland)  -	T 4 .P5
PUBLIC AFFAIRS INFORMATION SERVICE (PAIS) BULLETIN  v. 55, 1969-	Worldwide literature related to economic and social conditions, public administration and international relations  Books, Pamphlets, Government Publications, Reports, Journals	Public Affairs Information Service (PAIS), Inc.  PAIS	Z 7163 .P9



ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
PUBLICATIONS OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	A comprehensive listing of technical publications by the U.S. National Institute of Standards and Technology	U.S. National Institute of Standards and Technology/GPO	QC 100 .U57 SP305 NIST
1901-	Reports, Journals, Proceedings, Patents	-	
RAPRA ABSTRACTS	World's literature in rubber, plastics, and associated fields	Rubber and Plastics Research Association of Great Britain	TS 1870 .R61
v. 2, 1924-v. 19, 1982	Journals, Patents	RAPRA ABSTRACTS	
READERS' GUIDE TO PERIODICAL LITERATURE	Cumulative author-subject index to periodicals of general interest covering a wide variety of general subjects	H. W. Wilson Co.	AI 3 .R4
v. 29, 1969-	Periodicals	-	
REFERATIVNYI ZHURNAL: FIZIKA	World's literature in physics	Akademiya Nauk SSSR, (U.S.S.R)	QC 1 .A419
1960-	Journals, Books, Patents	-	
REFERATIVNYI ZHURNAL: MATEMATIKA	World's literature in mathematics	Akademiya Nauk SSR, (U.S.S.R)	QA 1 .A373
1966-	Journals, Books, Patents	-	
REFERATIVNYI ZHURNAL: MEKHANIKA	World's literature in mechanics	Akademiya Nauk SSSR, (U.S.S.R)	QC 1 .A41
1956-	Journals, Books, Patents	-	
REFERATIVNYI ZHURNAL: METALLURGIYA	World's literature in metals	Vsesoyuznyi Institut Nauchno-Tekhnicheskoi Informatsii	TN 1 .R4
1984-1987	Journals, Books, Patents	-	
REFERENCE SOURCES	Comprehensive guide to reference materials	Pierian Press	Z 1035.1 .R4
v. 1, 1977-v. 7, 1983	Books	-	
RELIABILITY-MAINTAINABILITY DATA INTERCHANGE	Reliability and maintainability data on parts, components, assemblies, equipment, etc.	Government Industry Data Exchange Program (GIDEP)	TS 173 .R45
1978-	Reports, Technical Data	GIDEP	



ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
REVIEWS IN COMPLEX ANALYSIS	Reviews on complex analysis which appear in MATHEMATICAL REVIEWS	American Mathematical Society	QA 1 .M761
1980-1986	Journals	MATHSCI	
RHEOLOGY ABSTRACTS	Worldwide literature in the science and practice of rheology	British Society of Rheology/ Pergamon Press	QC 189 .R53
v. 1, 1958-	Journals	-	
ROBOTICS ABSTRACTS	Literature on robot research, design and application in industrial and non-industrial settings	Bowker A&I Pub.	TS 191.8 .R55
v. 1, 1983-v. 7, 1989	Journals	-	
ROBOTICS TECHNOLOGY ABSTRACTS	Worldwide literature on the manufacture and use of robots	Cranfield Press (U.K.)	TS 191.8 .R64
v. 3, 1984-v. 6, 1987	Journals, Reports, Patents, Proceedings	-	
ROYAL SOCIETY OF LONDON. CATALOGUE OF SCIENTIFIC PAPERS	Standard index to nineteenth century scientific papers	Her Majesty's Stationery Office (HMSO) (U.K.)	Z 7403 .R88
v. 1, 1867-v. 19, 1925	Journals, Transactions	-	
SAFETY SCIENCE ABSTRACTS	International literature devoted to identifying, evaluating, and eliminating or controlling hazards	The Institute of Safety and Systems Management/ Cambridge Scientific Abstracts	T 55 .A1S3
v. 1, 1973-v. 9, 1982	Journals, Reports, Proceedings, Books, Dissertations, Patents	SAFETY	
SCIENCE CITATION INDEX	International interdisciplinary index to the literature of chemistry, physics, medicine, agriculture, technology, etc.	Institute for Scientific Information (ISI)	Z 7401 .S365
1945-	Journals	SCISEARCH	
SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS	Comprehensive worldwide literature on the science and technology of space and aeronautics	U.S. National Aeronautics and Space Administration (NASA)	TL 787 .U51
v. 1, 1963-v. 27, 1989	Reports, Patents, Dissertations	AEROSPACE DATABASE; NASA/RECON	

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v. 2, 1969-v. 9, 1976	Books, Journals, Reports	WATER RESOURCES ABSTRACTS	
SEVENTY-SEVEN YEAR INDEX-TECHNICAL PAPERS (AMERICAN SOCIETY OF MECHANICAL ENGINEERS)	Index to the publications of the American Society of Mechanical Engineers	American Society of Mechanical Engineers	TJ 1 .A774
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SOLID STATE ABSTRACTS JOURNAL	Comprehensive coverage of the world literature on the theory, production, and use of solid state materials and devices	Cambridge Communication Corp.	TK 7800 .S42
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STATISTICAL REFERENCE INDEX (SRI)	Index and abstracts to American statistical publications from private organizations and state government sources	Congressional Information Service (CIS)	HA 195 .S75
v. 1, 1980-v. 10, 1989	Directories, Statistical Publications	-	
STATISTICAL THEORY AND METHOD ABSTRACTS	International literature of statistical mathematics	International Statistical Institute	HA 1 .S764
v. 1, 1959-	Journals, Reports, Proceedings	-	
STEELS ALERT	International literature on developments in the steel industry	Metals Information	TN 1 .M51531
v. 1, 1983-v. 7, 1989	Journals	-	
SURFACE TREATMENT TECHNOLOGY ABSTRACTS	International literature of metal finishing, surface-treatment, printed circuits and electronics coatings	Finishing Publications Ltd. (U.K.)	TP 155.7 .S83
v. 28, 1986-	Journals, Patents, Books, Reports	-	

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v. 1, 1935-v. 54, 1988	Reviews	-	
TECHNICAL TRANSLATIONS	Listing of English translations of scientific and technical literature prepared by government and private sources	Clearinghouse for Federal, Scientific and Technical Information (NTIS)	Z 7401 .T712
v. 1, 1959-v. 18, 1967	Journals	-	
THEORETICAL CHEMICAL ENGINEERING ABSTRACTS	Listing of abstracts in the chemical engineering literature	The Royal Society of Chemistry (U.K.)	TP 1 .T47
v. 1, 1964-	Journals, Reports, Books	-	
TRANSLATIONS INDEX (AMERICAN SOCIETY FOR METALS)	Translations into English of technical papers on metals and materials	American Society for Metals	QD 171 .A6
v. 1, 1977-	Journals	-	
TRANSLATIONS REGISTER INDEX	Listing of unpublished translations into English from the world literature of the natural, physical, medical, and social sciences	National Translations Center	Z 7401 .T7
v. 1, 1967-v. 20, 1986	Journals	-	
U.S. NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS. LISTS OF ITS TECHNICAL MEMORANDA, TECHNICAL NOTES, AND WAR TIME REPORTS	List of reports published by NACA (U.S. National Advisory Committee for Aeronautics)	National Advisory Committee for Aeronautics	TL 787 .U51
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U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. INDEX OF NASA TECHNICAL PUBLICATIONS	Listing of unclassified NASA/NACA technical publications	U.S. National Aeronautics and Space Administration (NASA)	Z 5063 .U592
1915-1961	Reports	-	



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WORLD CERAMIC ABSTRACTS	International literature of ceramics	Pergamon Press	TP 785 .W67
1978-	Patents, Journals	-	
WORLD SURFACE COATINGS ABSTRACTS	International literature on paints, varnishes and allied industries	Paint Research Association (U.K.)/Pergamon Press	TP 934 .R4
v. 42, 1969-	Reports, Patents, Standards, Journals	WORLD SURFACE COATINGS ABSTRACTS	
WORLD TEXTILE ABSTRACTS	Worldwide literature of textiles and the textile industry	Shirley Institute (U.K.)	TS 1300 .W6
v. 1, 1969-	Journals, Proceedings, Patents, Standards, Books, Reports	WORLD TEXTILES	
WORLD TRANSINDEX	Translations of literature relating to all fields of science and technology	International Translations Centre (The Netherlands)/British Lending Library	Z 7401 .W62
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WORLD TRANSLATIONS INDEX	Translations in all fields of science and technology	International Translations Centre/National Translations Center	Z 7401 .W63
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X-RAY FLUORESCENCE SPECTROMETRY ABSTRACTS	International literature on all aspects of x-ray fluorescence spectrometry	PRM Science and Technology Agency Ltd. (U.K.)	QD 95 .X2
v. 1, 1970-v. 15, 1984	Journals, Proceedings, Unpublished Reports	-	
ZENTRALBLATT FÜR MATHEMATIK UND IHRE GRENZGEBIETE: MATHEMATICS ABSTRACTS	Worldwide literature in mathematics	Springer Verlag	QA 1 .Z5
v. 1, 1931-v. 358, 1978	Books, Journals, Proceedings	MATH	

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BRITISH ABSTRACTS SERIES A, B, C	International literature of all aspects of chemistry	Bureau of Abstracts (U.K.)	QD 1
1926-1953	Journals, Proceedings	-	.B68 NCC
CUMULATIVE BOOK INDEX	A comprehensive world list of books in the English language	H. W. Wilson Co.	CT 100
1938-1983	Books	-	.C8 NCC
INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE	International literature of all sciences	Royal Society of London	Z 7401
1901-1914	Journals	-	.I62 NCC
JAHRBUCH ÜBER DIE FORTSCHRITTE DER MATHEMATIK	Worldwide literature of mathematics	de Gruyter (Germany)	QA 1
v. 1, 1868-v. 68, 1942	Journals, Books	-	.J4 NCC
NATIONAL UNION CATALOG	A listing of works cataloged by the Library of Congress and by the libraries contributing to its cooperation cataloging program	Library of Congress	Z 881
1898-	Books, Reports, Journals, Maps, Serials	LC MARC	.A1U372 NCC (M-Later years)

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Biotechnology	Biotechnology Research Abstracts
Building and Construction	American Concrete Institute 55-year Index Building Science Abstracts Concrete Abstracts Cumulative Index to ASCE Publications EI Engineering Conference Index Engineering Index
Business, Economics, Management	Business Periodicals Index Journal of Economic Literature OR/MS Operations Research/Management Science Public Affairs Information Service Bulletin
Ceramics	British Ceramic Abstracts Ceramic Abstracts Japan Materials World Ceramic Abstracts
Chemistry and Chemical Engineering	Abstract Bulletin of the Institute of Paper Science and Technology Analytical Abstracts BNF Non-Ferrous Metals Abstracts British Abstracts, Series A, B, C (NCC) British Ceramic Abstracts

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Energy	Chemical Abstracts China Science and Technology Abstracts Series II Energy Research Abstracts Government Reports Announcements and Index Japan Energy Nuclear Science Abstracts Science Citation Index
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Paper and Paper Industry	Abstract Bulletin of the Institute of Paper Science and Technology
Patents	Abstract Bulletin of the Institute of Paper Science and Technology BNF Non-Ferrous Metals Abstracts British Ceramic Abstracts Ceramic Abstracts Chemical Abstracts Computer Abstracts Computer and Control Abstracts Corrosion Control Abstracts Electrical and Electronics Abstracts Gas Abstracts Information Science Abstracts Journal of Current Laser Abstracts Metal Finishing Abstracts Nuclear Science Abstracts Photographic Abstracts Physics Abstracts Physics Briefs; Physikalische Berichte

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CBI		Cumulative Book Index
CSIRO Science Index		CSIRO Abstracts
Channel		Civil Engineering Hydraulics Abstracts
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Documentation Abstracts		Information Science Abstracts
Electrical Measurement and Instrumentation		Electronic Instrumentation
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FLUIDEX		Civil Engineering Hydraulics Abstracts
GIDEP		Engineering Data Bank Abstracts of Reports Failure Experience Data Index Metrology Data Bank Index Reliability-Maintainability Data Interchange
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Institute of Petroleum Abstracts		International Petroleum Abstracts
Japan Technology		Japanese Technical Abstracts
Library Science Abstracts		Library and Information Science Abstracts
LISA		Library and Information Science Abstracts
MATH		Zentralblatt für Mathematik und ihre Grenzgebiete: Mathematics Abstracts
MATHSCI		ACM Guide to Computing Literature Current Index to Statistics Index of Mathematical Papers Index to Statistics and Probability Mathematical Reviews Reviews in Complex Analysis
METADEx		Metals Abstracts
Metron		Electronic Instrumentation Measurements in Physics
NASA/RECON		Scientific and Technical Aerospace Reports
Non-Ferrous Metals Abstracts		BNF Non-Ferrous Metals Abstracts
NTIS		Government Reports Announcements and Index
PAIS		Public Affairs Information Service Bulletin
PAIS Bulletin		Public Affairs Information Service Bulletin
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Physical Measurements and Instrumentation		Measurements in Physics
Physikalische Berichte		Physics Briefs; Physikalische Berichte
Referativnyi Zhurnal; Korrozerja i Zashchita ot Kovrozu		Corrosion Control Abstracts (Translation)
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